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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/082,581	05/21/1998	KENJI NAGASE	980673	2888

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EXAMINER

WHIPKEY, JASON T

ART UNIT PAPER NUMBER

2612

DATE MAILED: 01/29/2003

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/082,581

Applicant(s)

NAGASE, KENJI

Examiner

Jason T. Whipkey

Art Unit

2612

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --
Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133).
- Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 28 October 2002.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-8 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-8 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 21 May 1998 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- 11) ☐ The proposed drawing correction filed on _____ is: a) ☐ approved b) ☐ disapproved by the Examiner.
- If approved, corrected drawings are required in reply to this Office action.
- 12) ☐ The oath or declaration is objected to by the Examiner.

Priority under 35 U.S.C. §§ 119 and 120

- 13) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
- 1) ☒ Certified copies of the priority documents have been received.
 - 2) ☐ Certified copies of the priority documents have been received in Application No. _____.
 - 3) ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.
- 14) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. § 119(e) (to a provisional application).
- a) ☐ The translation of the foreign language provisional application has been received.
- 15) ☐ Acknowledgment is made of a claim for domestic priority under 35 U.S.C. §§ 120 and/or 121.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☒ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449) Paper No(s) 13.
- 4) ☐ Interview Summary (PTO-413) Paper No(s). _____.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____.

DETAILED ACTION

Continued Examination Under 37 CFR 1.114

1. A request for continued examination under 37 CFR 1.114, including the fee set forth in 37 CFR 1.17(e), was filed in this application after final rejection. Since this application is eligible for continued examination under 37 CFR 1.114, and the fee set forth in 37 CFR 1.17(e) has been timely paid, the finality of the previous Office action has been withdrawn pursuant to 37 CFR 1.114. Applicant's submission filed on October 28, 2002, has been entered.

2. The indicated allowability of claims 4, 5, 7, and 8 is withdrawn in view of the newly discovered references to Josephson and Preis. Rejections based on the newly cited references follow.

Response to Arguments

3. Applicant's arguments filed October 28, 2002, have been fully considered but they are not persuasive.

4. In response to the rejection of claim 6, the applicant argues that MPEP §2143, which is based on *In re Vaeck*, supersedes the citation of *In re Keller*.

The examiner agrees that he must have a motivation to combine two references, as described in the *In re Vaeck* decision. However, the examiner believes he done so and he expounds on that belief in item 5 below.

Additionally, on page 8, lines 6-8, of the first amendment filed by the applicant, the applicant argues, "Sawanobori is entirely different from Iwamoto in that Iwamoto includes only the single boosting circuit whereas Sawanobori is having two power source lines thus cannot be combined with Iwamoto."

The *In re Keller* decision states that, "The test for obviousness is not whether the features of a secondary reference may be bodily incorporated into the structure of the primary reference. ... Rather, the test is what the combined teachings of those references would have suggested to those of ordinary skill in the art."

In re Vaeck and *In re Keller* are not contradictory. Rather, the citation of *Keller* was appropriate because the applicant argues that the *embodiments* of the cited art cannot be physically combined, even though the test is whether the combined *teachings* of the cited art would have suggested the applicant's invention to those of ordinary skill in the art. See MPEP §2145.

5. In order to establish a *prima facie* case of obviousness, *In re Vaeck* requires the examiner to meet three criteria, according to MPEP §706.02(j). Each will be addressed individually.

First, there must be some suggestion or motivation, either in the references themselves or in the knowledge generally available to one of ordinary skill in the art, to modify the reference or to combine reference teachings.

Iwamoto shows that capacitor C_2 (and therefore terminals V_{DD} and V_{SS2} , with voltages of +5V and -5V, respectively), shown in Figure 1, may be short-circuited via switch SW_5 upon power off (column 5, lines 43-51). This eliminates a residual voltage between the terminals (column 5, lines 51-53). Consequently, the significant teaching provided by Iwamoto is that short-circuiting two output terminals of a power supply eliminates a residual voltage between the terminals.

Sawanobori shows that CCD 15 uses a power supply 15 consisting of a 15V line and a -9V line (Drawing 1). When power is lost on -9V line S3, discharge circuit 18 discharges the line to prevent "deterioration or destruction of the image pickup element due to application of a negative voltage" (constitution, lines 15-21). Therefore, the significant teachings provided by Sawanobori are: (a) that CCDs may require power supplies outputting separate positive and negative voltages, and (b) that a discharge circuit may prevent deterioration of or destruction to a CCD.

Using "knowledge generally available to one of ordinary skill in the art," a power supply, such as the one described by Iwamoto, may operate irrespective of the device to which it is attached. Additionally, CCDs may operate irrespective of the structure of the power supply to which it is connected, assuming it receives the correct voltage or voltages. Since CCDs need a power supply in order to function, which was the

Art Unit: 2612

conclusion reached by teaching (a) of Sawanobori, it would have been obvious to one of ordinary skill in the art at the time of invention to connect a CCD to a power supply.

Acknowledging the teaching of Iwamoto and teaching (b) of Sawanobori as described above, it would have been obvious to one of ordinary skill in the art at the time of invention to discharge two terminals because the discharge eliminates a residual voltage between two terminals, and a discharge circuit may prevent deterioration of or destruction to a CCD.

Second, there must be a reasonable expectation of success.

Again, using the three *teachings* described above — and not the actual embodiments shown in the art — with the knowledge generally available to one of ordinary skill in the art, there is a reasonable expectation of success.

As described above, a power supply may operate irrespective of the device to which it is attached, and CCDs may operate irrespective of the structure of the power supply to which it is connected, assuming it receives the correct voltage or voltages. Since a discharge circuit between two terminals eliminates a residual voltage between the terminals and discharging a power supply line may prevent deterioration of or destruction to a CCD, there is a reasonable expectation that the combination of Iwamoto's and Sawanobori's teachings would be successful.

The teaching or suggestion to make the claimed combination and the reasonable expectation of success must both be found in the prior art and not based on applicant's disclosure.

The teachings/suggestions and expectation of success are described above.

Line 1 of claim 6 has no patentable weight. The limitations in lines 2-8 are disclosed by Iwamoto, wherein the first circuit includes voltage source 3, conductors connecting it to terminal V_{DD} , and SW5, and the second circuit includes voltage source 3, conductors connecting it to terminal V_{SS2} , and SW5. The limitations in lines 9-10 are disclosed by Sawanobori.

6. Since the examiner as established a *prima facie* case of obviousness, the rejection of claim 6 stands.

Claim Rejections - 35 USC § 112

7. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

8. Claims 1-4 and 7 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Art Unit: 2612

- ✓9. Claim 1 recites the limitation "capacitors" on line 14. There is insufficient antecedent basis for this limitation in the claim. Only one capacitor is introduced in the claim. For examination purposes, the examiner will assume the applicant intended to include only one capacitor in the claim.

Claims 2-4 are rejected as being dependent on rejected claim 1.

- ✓10. Lines 1-3 of claim 4 are indiscernible. Based on the prosecution history, the examiner will treat the claim as if it reads:

A power supply circuit according to claim 1, wherein said first circuit includes a fly-back circuit for receiving the first positive voltage from the chopper circuit to generate a high second positive voltage ...

- ✓11. Claim 7 recites the limitation "the positive polarity voltage and negative polarity voltage" in line 8. There is insufficient antecedent basis for this limitation in the claim. For examination purposes, the claim will be treated as if it reads, "a positive polarity voltage and negative polarity voltage".

Claim Rejections - 35 USC § 102

12. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the

Art Unit: 2612

applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

13. Claim 5 is rejected under 35 U.S.C. 102(e) as being anticipated by Preis.

Preis discloses a power supply that includes an electronic switch¹²~~22~~ (Figure 1), which acts as a chopper circuit. Switch¹²~~22~~ "chops" the voltage produced by DC voltage source 11 by repeatedly switching on and off based on pulses from clock controlled control device 5 (column 3, lines 30-34).

Diode 44 and capacitor 45 form a fly-back circuit for boosting the voltage produced by electronic switch 22 and transformer 2. The voltage created by the fly-back circuit at second terminal "a" with respect to ground is greater than the positive voltage on first terminal "b", which is connected to the output of transformer 2 via diode 31. Specifically, the voltage at terminal "a" with respect to ground is equal to U₄, which is equal to the voltage at terminal "b" with respect to ground (U₂) plus an additional voltage U₃ (column 4, lines 1-37).

Terminals "a" and "b" are connected with zener diode 46 (column 5, lines 29-34).

Claim Rejections - 35 USC § 103

14. The text of those sections of Title 35, U.S. Code not included in this action can be found in a prior Office action.

15. Claims 1-3 are rejected under 35 U.S.C. 103(a) as being unpatentable over Josephson in view of Deaver.

Regarding claim 1, Josephson discloses a power supply circuit, shown in Figure 1, with a first circuit for producing a positive polarity voltage at +12 V and +5 V output terminals, shown on the right side of the figure. This first circuit consists of rectifier 48, which includes capacitors 62 and 66 (column 4, lines 41-50), and a chopper circuit, which consists of electrical switch means 44 and transistor switch 24. Switch 24 turns on and off repeatedly to create a "chopped" output from transformer 22 (column 3, lines 44-52, and column 4, lines 13-27).

A second circuit, consisting of rectifier 16, diode 110, and capacitors 114 and 118, produce a negative polarity voltage of -12 V at an output terminal, shown on the right side of Figure 1. Ground terminal GND, also shown on the right side of Figure 1, provides a reference for the positive and negative terminals.

Josephson is silent with regard to including means for short-circuiting the positive and negative terminals upon loss of source power.

Deaver discloses a discharge circuit for capacitors in a power supply. The power supply shown in the figure includes a first circuit that generates a positive polarity voltage, consisting of the two diodes shown on the right of full-wave rectifier 12 and connected to the positive node. This node is connected to a capacitor 14. The positive polarity voltage is output via terminal +VOUT.

The power supply also includes a second circuit that generates a negative polarity voltage, consisting of the two diodes shown on the left of full-wave rectifier 12

Art Unit: 2612

and connected to the negative node. This node is connected to a capacitor 16. The positive polarity voltage is output via terminal +VOUT. The transformer 10 is center-tapped to ground. When the AC voltage is removed capacitor 24 charges, which allows current to flow through the emitter-collector junction of PNP bipolar junction transistor 28 (column 3, lines 62-65). This discharges capacitors 14 and 16 (column 3, lines 66-67).

As stated in column 1, lines 61-66, this serves the purpose of preventing the discharge of hazardous amounts of charge stored in the capacitors, which makes the power supply safer. For this reason, it would have been obvious at the time of invention to have Josephson include a discharge means between the positive terminals and the negative terminals.

Regarding claims 2 and 3, transistor 28 in Deaver is a switching element, and resistor 30 is a current-limiting element. Both are located between the positive and negative terminals.

16. Claim 4 is rejected under 35 U.S.C. 103(a) as being unpatentable over Josephson in view of Deaver and further in view of Preis.

Claim 4 may be treated like claim 1. Additionally, Josephson includes a first positive polarity terminal for outputting a +5V voltage, which was produced by the first circuit described in the rejection of claim 1. Josephson also includes a fly-back circuit, consisting of secondary transistor winding 28 and rectifying circuit 48, to increase the voltage produced by the source side of transformer 22. The +12V voltage produced is placed on a second positive polarity terminal.

Josephson is silent with regard to including a diode between the first and second positive polarity output terminals.

Preis discloses a power supply that includes an electronic switch 22 (Figure 1), which acts as a chopper circuit. Diode 44 and capacitor 45 form a fly-back circuit for boosting the voltage produced by electronic switch 22 and transformer 2. The voltage created by the fly-back circuit at second terminal "a" with respect to ground is greater than the positive voltage on first terminal "b", which is connected to the output of transformer 2 via diode 31. Specifically, the voltage at terminal "a" with respect to ground is equal to U_4 , which is equal to the voltage at terminal "b" with respect to ground (U_2) plus an additional voltage U_3 (column 4, lines 1-37).

Terminals "a" and "b" are connected with zener diode 46 (column 5, lines 29-34).

As stated in column 5, lines 29-34, the advantage to including a zener diode between the two positive output terminals is that the voltage on the terminals is stabilized and the voltage U_3 on capacitor 45 is held at a specific value. For this reason, it would have been obvious at the time of invention to have Josephson include a diode between the two positive polarity output terminals.

17. Claim 6 is rejected under 35 U.S.C. 103(a) as being unpatentable over Iwamoto in view of Sawanobori.

Iwamoto discloses a power supply circuit with a circuit generating a positive polarity voltage (3 and the node connecting to terminal V_{DD} ; see column 2, lines 58-64), a terminal for outputting the positive voltage (V_{DD}), a circuit generating a negative

polarity voltage (3, the node connecting to terminal V_{SS1} ; see column 2, lines 58-64), and a terminal for outputting the negative voltage (V_{SS2} , when SW3 and SW4 are closed).

Iwamoto shows that capacitor C_2 (and therefore terminals V_{DD} and V_{SS2} , with voltages of +5V and -5V, respectively), shown in Figure 1, may be short-circuited via switch SW_5 upon power off (column 5, lines 43-51). This eliminates a residual voltage between the terminals (column 5, lines 51-53). Consequently, the significant teaching provided by Iwamoto is that short-circuiting two output terminals of a power supply eliminates a residual voltage between the terminals.

Iwamoto is silent with regard to using the power supply circuit with a CCD imager.

Sawanobori shows that CCD 15 uses a power supply 15 consisting of a 15V line and a -9V line (Drawing 1). When power is lost on -9V line S3, discharge circuit 18 discharges the line to prevent "deterioration or destruction of the image pickup element due to application of a negative voltage" (constitution, lines 15-21). Therefore, the significant teachings provided by Sawanobori are: (a) that CCDs may require power supplies outputting separate positive and negative voltages, and (b) that a discharge circuit may prevent deterioration of or destruction to a CCD.

A power supply, such as the one described by Iwamoto, may operate irrespective of the device to which it is attached. Additionally, CCDs may operate irrespective of the structure of the power supply to which it is connected, assuming it receives the correct voltage or voltages. Since CCDs need a power supply in order to function, which was

Art Unit: 2612

the conclusion reached by teaching (a) of Sawanobori, it would have been obvious to one of ordinary skill in the art at the time of invention to connect a CCD to a power supply. Acknowledging the teaching of Iwamoto and teaching (b) of Sawanobori as described above, it would have been obvious to one of ordinary skill in the art at the time of invention to discharge two terminals because the discharge eliminates a residual voltage between two terminals, and a discharge circuit may prevent deterioration or destruction to a CCD.

18. Claim 7 is rejected under 35 U.S.C. 103(a) as being unpatentable over Sawanobori in view of Josephson and further in view of Preis.

Sawanobori shows that CCD 15 uses a power supply 15 consisting of a 15V line and a -9V line (Drawing 1). However, Sawanobori is silent with regard to the specifics of the operation of power supply 15.

Josephson discloses a power supply circuit, shown in Figure 1, with a first circuit for producing a positive polarity voltage at +12 V and +5 V output terminals, shown on the right side of the figure. This first circuit consists of rectifier 48, which includes capacitors 62 and 66 (column 4, lines 41-50), and a chopper circuit, which consists of electrical switch means 44 and transistor switch 24. Switch 24 turns on and off repeatedly to create a "chopped" output from transformer 22 (column 3, lines 44-52, and column 4, lines 13-27).

A second circuit, consisting of rectifier 16, diode 110, and capacitors 114 and 118, produce a negative polarity voltage of -12 V at an output terminal, shown on the right side of Figure 1.

Josephson includes a first positive polarity terminal for outputting a +5V voltage. Josephson also includes a fly-back circuit, consisting of secondary transistor winding 28 and rectifying circuit 48, to increase the voltage produced by the source side of transformer 22. The +12V voltage produced is placed on a second positive polarity terminal.

Since Sawanobori is silent with regard to the specific circuitry used in power supply 15, one skilled in the art would recognize that any power supply producing positive and negative DC outputs could be used. For this reason, it would have been obvious at the time of invention to have Sawanobori's camera system include a power supply like the one described by Josephson.

Josephson is silent with regard to including a diode between the first and second positive polarity output terminals.

Preis discloses a power supply that includes an electronic switch 22 (Figure 1), which acts as a chopper circuit. Diode 44 and capacitor 45 form a fly-back circuit for boosting the voltage produced by electronic switch 22 and transformer 2. The voltage created by the fly-back circuit at second terminal "a" with respect to ground is greater than the positive voltage on first terminal "b", which is connected to the output of transformer 2 via diode 31. Specifically, the voltage at terminal "a" with respect to

ground is equal to U4, which is equal to the voltage at terminal "b" with respect to ground (U2) plus an additional voltage U3 (column 4, lines 1-37).

Terminals "a" and "b" are connected with zener diode 46 (column 5, lines 29-34).

As stated in column 5, lines 29-34, the advantage to including a zener diode between the two positive output terminals is that the voltage on the terminals is stabilized and the voltage U3 on capacitor 45 is held at a specific value. For this reason, it would have been obvious at the time of invention to have Josephson include a diode between the two positive polarity output terminals.

19. Claim 8 is rejected under 35 U.S.C. 103(a) as being unpatentable over Josephson in view of Deaver and further in view of Preis.

Josephson discloses a power supply circuit, shown in Figure 1, with a first circuit for producing a positive polarity voltage at +12 V and +5 V output terminals, shown on the right side of the figure. This first circuit consists of rectifier 48, which includes capacitors 62 and 66 (column 4, lines 41-50), and a chopper circuit, which consists of electrical switch means 44 and transistor switch 24. Switch 24 turns on and off repeatedly to create a "chopped" output from transformer 22 (column 3, lines 44-52, and column 4, lines 13-27).

A second circuit, consisting of rectifier 16, diode 110, and capacitors 114 and 118, produce a negative polarity voltage of -12 V at an output terminal, shown on the right side of Figure 1.

Josephson includes a first positive polarity terminal for outputting a +5V voltage. Josephson also includes a fly-back circuit, consisting of secondary transistor winding 28 and rectifying circuit 48, to increase the voltage produced by the source side of transformer 22. The +12V voltage produced is placed on a second positive polarity terminal.

Josephson is silent with regard to including means for short-circuiting the positive and negative terminals upon loss of source power.

Deaver discloses a discharge circuit for capacitors in a power supply. The power supply shown in the figure includes a first circuit that generates a positive polarity voltage, consisting of the two diodes shown on the right of full-wave rectifier 12 and connected to the positive node. This node is connected to a capacitor 14. The positive polarity voltage is output via terminal +VOUT.

The power supply also includes a second circuit that generates a negative polarity voltage, consisting of the two diodes shown on the left of full-wave rectifier 12 and connected to the negative node. This node is connected to a capacitor 16. The positive polarity voltage is output via terminal +VOUT. The transformer 10 is center-tapped to ground. When the AC voltage is removed capacitor 24 charges, which allows current to flow through the emitter-collector junction of PNP bipolar junction transistor 28 (column 3, lines 62-65). This discharges capacitors 14 and 16 (column 3, lines 66-67).

As stated in column 1, lines 61-66, this serves the purpose of preventing the discharge of hazardous amounts of charge stored in the capacitors, which makes the power supply safer. For this reason, it would have been obvious at the time of invention

Art Unit: 2612

to have Josephson include a discharge means between the positive terminals and the negative terminals.

Josephson is silent with regard to including a diode between the first and second positive polarity output terminals.

Preis discloses a power supply that includes an electronic switch 22 (Figure 1), which acts as a chopper circuit. Diode 44 and capacitor 45 form a fly-back circuit for boosting the voltage produced by electronic switch 22 and transformer 2. The voltage created by the fly-back circuit at second terminal "a" with respect to ground is greater than the positive voltage on first terminal "b", which is connected to the output of transformer 2 via diode 31. Specifically, the voltage at terminal "a" with respect to ground is equal to U_4 , which is equal to the voltage at terminal "b" with respect to ground (U_2) plus an additional voltage U_3 (column 4, lines 1-37).

Terminals "a" and "b" are connected with zener diode 46 (column 5, lines 29-34).

As stated in column 5, lines 29-34, the advantage to including a zener diode between the two positive output terminals is that the voltage on the terminals is stabilized and the voltage U_3 on capacitor 45 is held at a specific value. For this reason, it would have been obvious at the time of invention to have Josephson include a diode between the two positive polarity output terminals.

Conclusion

20. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

21. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jason T. Whipkey, whose telephone number is (703) 305-1819. The examiner can normally be reached Monday through Friday from 8 A.M. to 5:30 P.M. eastern standard time, alternating Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Wendy R. Garber, can be reached on (703) 305-4929. The fax phone number for the organization where this application or proceeding is assigned are (703) 872-9314 for both regular communication and After Final communication.

Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the Technology Center 2600 Customer Service Office, whose telephone number is (703) 306-0377.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks
Washington, D.C. 20231

or faxed to (703) 872-9314 for either formal or informal communications intended for entry. (For informal or draft communications, please label "**PROPOSED**" or "**DRAFT**".)

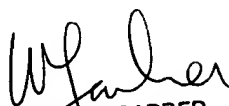
Art Unit: 2612

Hand-delivered responses should be brought to the sixth floor receptionist of
Crystal Park II, 2121 Crystal Drive in Arlington, Virginia.

JTW

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January 21, 2003


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